

NPIC/R-1487/63 September 1963

PHOTOGRAPHIC INTERPRETATION REPORT

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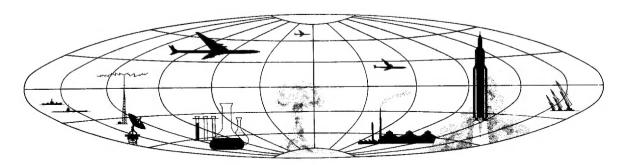
BRASS KNOB MISSION 3728 23 SEPTEMBER 1963





Declass Review by NIMA/DOD

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



Approved For Release 2003/02/27 : CIA-RDP78B04560A001600010030-8 SECRET

GROUP 1
Excluded from automatic dawngrading and declassification



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NPIC/R-1487/63

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3728, DATED 23 SEP 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS — C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

-MISSILES-

MANATI SAM SITE 2113N 07702W

SITE IS ABANDONED.
FOUR BARRACKS, 3 OTHER BUILDINGS, AND 4 POSSIBLE VEHICLES REMAIN.
SEE ATTACHMENT 1.

	SEE ATTACHMENT 1.	
5X1		25X1
	CAIBARIEN SAM SITE 2228N Ø7929W	
	SIX LAUNCH POSITIONS (5 CANVAS-COVERED), 2 CANVAS-COVERED HOLD AREAS, AND AN OCCUPIED GUIDANCE AREA OBSERVED.	
5X1		25X1
	LOS ANGELES SAM SITE 2100N 07541W	
	FACILITIES INCLUDE 4 BARRACKS-TYPE BUILDINGS, 3 SUPPORT BUILDINGS, 4 LARGE TENTS (ONE NOT OF A KNOWN	

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SITE CONTAINS 6 UNREVETTED LAUNCHERS (3 WITH

SOVIET TYPE), 3 MEDIUM TENTS (ONE NOT OF A KNOWN

SOVIET TYPE), AND 3 SMALL TENTS.

MISSILES), 6 MISSILE TRANSPORTERS (3 CANVAS-COVERED),

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13 TRACKED PRIME MOVERS, 6 TRUCK-TRACTORS, 3 CARGO TRUCKS. 2 CARGO TRAILERS, 4 UNIDENTIFIED VEHICLES, AND A GUIDANCE AREA CONTAINING RADAR. 2 VANS, AND CANVAS-COVERED EQUIPMENT. 25X1 MANZANILLO SAM SITE 2018N 07706W 25X1 SIX REVETTED LAUNCHERS, AT LEAST 7 CANVAS-COVERED MISSILE TRANSPORTERS, AN UNDETERMINED NUMBER OF TRACKED PRIME MOVERS, AND AN OCCUPIED SHED-COVERED GUIDANCE REVETMENT OBSERVED. 25X1 25X1 CHAMBAS SAM SITE 2213N Ø7853W SIX UNREVETTED LAUNCHERS, 4 MISSILE TRANSPORTERS, APPROXIMATELY 17 OTHER VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED. 25X1 ESMERALDA SAM SITE 2155N Ø7813W 25X1 SIX REVETTED LAUNCHERS, AT LEAST 5 MISSILE TRANSPORTERS, 15 OTHER VEHICLES, AND AN OCCUPIED GUIDANCE REVETMENT OBSERVED. 25X1 25X1 SANTIAGO DE CUBA SAM SITE 1959N Ø755ØW FACILITIES INCLUDE 7 BARRACKS-TYPE BUILDINGS AND 4 LARGE AND 3 MEDIUM TENTS. SIX UNREVETTED LAUNCHERS, 4 CANVAS-COVERED MISSILE TRANSPORTERS, 3 POSSIBLE TRACKED PRIME MOVERS, AND AN OCCUPIED SHED-COVERED GUIDANCE AREA OBSERVED. 25X1

	SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W		25X1
	NO APPARENT CHANGE IN FACILITIES. TWENTY-FIVE MISSILE TRANSPORTERS, 3 FLATBED TRACTOR TRAILER TRUCKS, 33 CARGO TRUCKS, 14 POSSIBLE VAN TRAILERS, 10 CANVAS-COVERED TRACKED PRIME MOVERS, ONE TRUCK-MOUNTED CRANE, AND NUMEROUS MISSILE CANISTERS OBSERVED.	₹	
25X1			
	DELEITE SAM SITE 2259N Ø8Ø45W		25X1
	SIX REVETTED LAUNCHERS (4 CANVAS-COVERED), ONE CANVAS-COVERED MISSILE TRANSPORTER, 2 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE REVETMENT OBSER	VED.	
25X1			25X1
	CIEGO DE AVILA SAM SITE 2142N Ø785ØW]
	SIX UNREVETTED LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS, 17 OTHER VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED.		
25X1			25X1
	CIEGO DE AVILA SAM ASSEMBLY AREA 2152N Ø7844W]
	TWENTY-TWO MISSILE TRANSPORTERS, 3 FLATBED TRACTOR TRAILER TRUCKS, 23 UNIDENTIFIED VEHICLES, AND NUMEROUS MISSILE CANISTERS OBSERVED.	274	
25X1			25X1
	VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W		
	NO APPARENT CHANGE SINCE		25X1
25X1			

25X1

25X1

25X1

NPIC/R-1487/63 25X1 MALDONADO SAM SITE 2012N 07528W NO APPARENT CHANGE IN FACILITIES. SIX REVETTED LAUNCHERS (3 WITH MISSILES). 3 CANVAS-COVERED MISSILE TRANSPORTERS, ONE MISSILE ON DOLLY, 14 TRACKED PRIME MOVERS, 6 CARGO TRUCKS, 3 UNIDENTIFIED VEHICLES, AND AN OCCUPIED CANVAS-COVERED GUIDANCE REVETMENT OBSERVED. 25X1 CAMAGUEY AIRFIELD SAM SITE 2122N Ø775ØW FACILITIES INCLUDE 2 STORAGE-TYPE BUILDINGS AND 4 LARGE, ONE MEDIUM, AND 3 SMALL TENTS. SIX UNREVETTED LAUNCHERS (3 WITH MISSILES), 6 MISSILE TRANSPORTERS (4 CANVAS-COVERED). 8 CANVAS-COVERED PRIME MOVERS, 2 VAN TRAILERS, 8 CARGO TRUCKS, 11 OTHER VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED. 25X1 HOLGUIN SAM SITE 2052N 07627W FACILITIES INCLUDE 3 PROBABLE BARRACKS IN WOODED AREA AND 2 LARGE AND ONE MEDIUM TENT. SIX SEMI-REVETTED LAUNCHERS (3 WITH MISSILES). 6 MISSILE TRANSPORTERS (2 CANVAS-COVERED, 2 WITH MISSILES), 13 PROBABLE CANVAS-COVERED TRACKED PRIME MOVERS, 2 VAN TRAILERS, DNE VAN TRUCK, 9 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA CONTAINING A PROBABLE FAN SONG RADAR, 2 CANVAS-COVERED VANS, AND 4 SMALL VANS DBSERVED. SANTA CLARA SAM SITE 2229N Ø8ØØØW FACILITIES INCLUDE 3 LARGE, 3 MEDIUM AND 2 SMALL TENTS. SIX UNREVETTED LAUNCHERS (3 WITH MISSILES). 7 CANVAS-COVERED MISSILE TRANSPORTERS, 3 CANVAS-COVERED TRACKED PRIME MOVERS, 2 CARGO TRUCKS, ONE VAN TRAILER,

AREA CONTAINING RADAR AND 7 VANS.

ONE PROBABLE VAN TRAILER, AND AN OCCUPIED GUIDANCE

25X1		
	BANES CRUISE-MISSILE SITE 2058N 07538W	25X1
	SITE CONTAINS 2 REVETTED LAUNCHERS, 2 CANVAS- COVERED HOLD POSITIONS, 2 CANVAS-COVERED CRUISE- MISSILE TRANSPORTERS, 2 CANVAS-COVERED PARKING AREAS, 2 ADDITIONAL CANVAS-COVERED AREAS, 7 CRUISE-MISSILE CRATES, 4 TRACKED PRIME MOVERS, 5 UNIDENTIFIED VEHICLES, AND A CANVAS-COVERED GUIDANCE AREA.	
25X1		25X1
	SANTIAGO DE CUBA CRUISE-MISSILE STORAGE 2004N 07551W	
25X1	NO APPARENT CHANGE IN FACILITIES. TWENTY-SIX CRUISE-MISSILE CRATES OBSERVED.	
	AIRFIELDS	25X1
	CAMILO CIENFUEGOS AIRFIELD 2229N Ø7955W AIRCRAFT 15 FAGOT/FRESCO AND 8 HOUND. A POSSIBLE 3-GUN AAA SITE IS LOCATED AT UTM 17Q PQ Ø52868.	
25X1	232888	
	CAMAGUEY INTERNATIONAL AIRFIELD 2125N Ø7751W	25X1
25X1	AIRCRAFT 2 DERELICT FAGOT/FRESCO.	25X1
	HOLGUIN AIRFIELD 2048N 07618W	
	AIRCRAFT 6 FAGOT/FRESCO AND ONE LIAISON.	25X1

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	ANTONIO MACEO AIRFIELD 1958N Ø755ØW		
	AIRCRAFT 2 CRATE, ONE C-47, 3 LIAISON, 2 HOUND AND ONE PROBABLE HARE.	•	
25X1			25X1
	BAYAMO EAST AIRFIELD 2023N 07638W		
	AIRCRAFT 2 COLT AND ONE LIAISON.		
25X1			
	TRINIDAD AIRFIELD 2147N Ø7959W]25X1
	NO AIRCRAFT OBSERVED.		
25X1			
	-PORTS-		
	BANES NAVAL BASE 2055N 07542W]25X1
	NO LARGE VESSELS OBSERVED. THE 11 UNIDENTIFIED CRATES REMAIN.		
25X1			25X1
	CIENFUEGOS PORT 2209N 08027W		
	VESSELS ONE KRONSHTADT-CLASS PC, 2 PT, 3 FREIGHTERS, ONE LARGE UNIDENTIFIED SHIP, AND 4 SM UNIDENTIFIED SHIPS.	IALL	
25X1			25X1
	MANZANILLO PORT 2021N 07707W		
	NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.		
25X1			

	SANTIAGO DE CUBA PORT 2001N 07550W	25X1
	VESSELS ONE UNIDENTIFIED SHIP.	057/4
5X1		25X1
	NUEVITAS PORT 2132N Ø7716W	
- 4	VESSELS ONE LARGE FREIGHTER.	
5X1		
	LA ISABELA PORT 2256N Ø8ØØ1W	25X1
	VESSELS ONE LARGE FREIGHTER.	
5X1		25X1
	CAIBARIEN PORT 2232N Ø7928W	
	NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.	
5X1		25X1
	CASILDA PORT 2145N Ø7959W	
	NO LARGE VESSELS OBSERVED.	
5X1		
	PUERTO PADRE PORT 2113N 07632W	25X1
	NO LARGE VESSELS OBSERVED.	
		25X1
		25X1
	-MILITARY ACTIVITY-	
	GUANTANAMO AREA 1 2005N 07523W	
	NO APPARENT CHANGE IN CLOUD-FREE AREAS.	

25X1		
	MANZANILLO AREA, MILITARY CAMP 2017N 07706W	25X1
	NO APPARENT CHANGE IN FACILITIES. AT LEAST 19 TANKS/SP GUNS AND AN UNDETERMINED NUMBER OF VEHICLES OR PIECES OF EQUIPMENT OBSERVED.	
25X1		
	HOLGUIN MILITARY CAMP 2053N 07615W	25X1
	NO APPARENT CHANGE SINCE	25X1
		25X1
	CAMAGUEY MILITARY CAMP 1 2121N Ø7751W	25X1
	NO APPARENT CHANGE SINCE	25X1
25X1		
	DEELIA, MILITARY CAMP 2006N 07530W	25X1
	MAIN CAMP — 7 BARRACKS, ONE BUILDING UNDER CONSTRUCTION, 3 LARGE TENTS NOT OF A KNOWN SOVIET TYPE AND 3 SMALL TENTS OF A KNOWN SOVIET TYPE, 20 TANKS/SP GUNS, 3 AAA PIECES, 11 CARGO TRUCKS, 4 SUPPORT BUILDINGS, AND 2 OCCUPIED AAA EMPLACEMENTS. SE AREA — 4 LARGE AND 11 MEDIUM NON-SOVIET TENTS, ONE MEDIUM TENT OF A KNOWN SOVIET TYPE, 22 FA PIECES, 3 POSSIBLE AAA PIECES, AND 40 CARGO TRUCKS. SEE ATTACHMENT 2.	
25X1		
	SANTA CLARA AREA, MILITARY ACTIVITY 2221N Ø7957W	25X1
	NO APPARENT CHANGE IN FACILITIES. SEVENTEEN TANKS/SP GUNS OBSERVED.	
25X1		

	CAMAGUEY MILITARY CAMP 2126N Ø7753W	25X1
	NO APPARENT CHANGE IN FACILITIES. FIFTEEN CARGO TRUCKS AND 2 OTHER VEHICLES OBSERVED	•
5X1		25X1
5X1		
	HOLGUIN MILITARY CAMP NW 2057N 07616W	25X1
	NO APPARENT CHANGE IN FACILITIES. TWENTY TANKS/SP GUNS, 13 CARGO TRUCKS, ONE VAN TRUCK, AND 3 POSSIBLE AAA PIECES OBSERVED.	
5X1		25X1
	ALTAGRACIA, MILITARY AREA 2124N Ø7742W	
	NO APPARENT CHANGE IN FACILITIES. NINE TANKS/SP GUNS OBSERVED.	
5X1		25X1
	MINAS, MILITARY CAMP 2127N Ø7734W	
	AT LEAST 7 TANKS/SP GUNS AND 16 OTHER VEHICLES OBSERVED.	
5X1		
	SANTA CLARA AREA, ARTILLERY TRAINING AREA 2224N Ø8ØØØW	25X1
	AREA 1 — CLOUD COVERED. AREA 2 — THE 6-GUN AAA SITE APPEARS OCCUPIED. HA PRECLUDES FURTHER INTERPRETATION. AREA 3 — IDENTIFICATION ONLY. AREA 4 — 16 VEHICLES OBSERVED. HAZE PRECLUDES FURTHER INTERPRETATION.	ZE

	AREA 5 19 TANKS/SP GUNS, 2 POSSIBLE TANK-RECOVERY VEHICLES, 9 CARGO TRUCKS, AND 3 UNIDENTIFIED VEHICLES. NO APPARENT CHANGE IN FACILITIES. THE TWO 3-GUN AAA SITES (OCCUPANCY UNDETERMINED) OBSERVED.	
25X1		25X1
	PERSEVERANCIA MILITARY CAMP 2006N 07533W	
	FOUR LARGE AND 31 MEDIUM NON-SOVIET TENTS, 48 CARGO TRUCKS, AND 45 FA PIECES OBSERVED.	
25X1		25X1
	TACAJO MILITARY CAMP 2051N 07558W	
	AREA 1 — 11 CARGO TRUCKS AND 6 UNIDENTIFIED VEHICLES. AREA 2 — NO MILITARY ACTIVITY. AREA 3 — 21 CARGO TRUCKS AND 15 FA PIECES. AREA 4 — 26 CARGO TRUCKS, 12 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT, AND 21 FA PIECES OBSERVED. AREA 5 — NO VEHICLES OR EQUIPMENT OBSERVED. THE AAA SITE REMAINS UNOCCUPIED. AREA 6 — ONE UTILITY TRUCK. AREA 7 — 22 CARGO TRUCKS.	
25X1		25X1
	DOS CAMINOS MILITARY INSTALLATION 2014N 07547W	
	NO APPARENT CHANGE IN FACILITIES. AT LEAST 52 CARGO TRUCKS AND APPROXIMATELY 33 FA PIECES OBSERVED. THE 6-GUN AAA SITE IS OCCUPIED AND UNREVETTED.	
25X1		25X1
	LA VEGUITA MILITARY CAMP 2049N 07615W	
	NO APPARENT CHANGE IN PERMANENT FACILITIES. TWO LARGE AND ONE MEDIUM TENT (NONE OF A KNOWN SOVIET TYPE), 10 CARGO TRUCKS, AND 12 FA PIECES	

25X1		25X1
	SANTIAGO DE CUBA, MILITARY TRAINING AREA 2002N 07550W	
	NO APPARENT CHANGE IN PERMANENT FACILITIES. TEN CARGO TRUCKS AND 2 LARGE AND 2 MEDIUM NON-SOVIET- TYPE TENTS OBSERVED.	
25X1		25X1
	TUMBADERO TANK TRAINING AREA 2104N 07558W	\neg
	NO NEW MILITARY ACTIVITY OR EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.	
25X1		25X1
	CHARCO DEL JOBO MILITARY AREA 2047N 07615W	
	NO APPARENT CHANGE IN FACILITIES. NO MILITARY EQUIPMENT OBSERVED.	
25X1		25X1
	CIENFUEGOS LANDING BEACH 2202N 08036W	
	NO MILITARY EQUIPMENT OR ACTIVITY OBSERVED IN CLOUD- AND HAZE-FREE AREAS.	
25X1		25X1
	NICARD LANDING BEACH 2042N 07533W	
	PREVIOUSLY UNREPORTED MILITARY ACTIVITY AN OCCUPIED 3-GUN AAA SITE, 2 LARGE TENTS (NOT OF A KNOWN SOVIET TYPE), 4 SMALL BUILDINGS, AND 8 CARGO TRUCKS AT UTM 18Q VU 24Ø192. MILITARY AREA CONTAINING 4 SMALL BARRACKS-TYPE BUILDINGS, 1Ø OTHER BUILDINGS, A SMALL ARMS FIRING RANGE, 2 OCCUPIED 3-GUN AAA SITES, AND ONE 3-GUN AAA SITE WITH ONE POSITION OCCUPIED AND 2 PROBABLE AAA PIECES ADJACENT TO SITE. LOCATED AT UTM 18Q VU 1Ø1Ø96.	

25X1		
	MACAGUA, MILITARY CAMP 2050N 07610W	
	CAMP CONTAINS 10 BARRACKS (7 UNDER CONSTRUCTION), 2 SUPPORT BUILDINGS, 5 LARGE AND 2 MEDIUM TENTS (NONE OF A KNOWN SOVIET TYPE), 19 CARGO TRUCKS, AND 18 FA PIECES. SEE ATTACHMENT 3.	
25X1		
	CONVOY SIGHTING 8037N 02247W	
	AT LEAST 52 VEHICLES IN CONVOY FORMATION 1.7 NM SOUTH OF SAN JERONIMO AT 22-47-33N Ø8Ø-37-33W AND HEADING NORTH ON HIGHWAY 4-37. CENTER OF CONVOY IS AT UTM 17Q NR 3852Ø5. AMS E 723. SHEET 4Ø84 II. 2D ED.	
25X1		25X1
	CAYD FRANCES ENGINEERING SITE 2238N Ø7914W	
	ONE LARGE FREIGHTER WEST OF CAYO FRANCES WITH 3 LIGHTERS ALONGSIDE. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.	
25X1		
	MISCELLANEOUS ACTIVITY-	25X1
	MAYARI ARRIBA MILITARY INSTALLATION 2027N 07531W	
·	NO APPARENT CHANGE IN FACILITIES. APPROXIMATELY 23 CRUISE-MISSILE CRATES (19 CANVAS-COVERED), 11 CRUISE-MISSILE-RELATED VEHICLES (4 CANVAS-COVERED), APPROXIMATELY 40 CARGO TRUCKS, 8 POSSIBLE TANK TRUCKS, 3 POSSIBLE TRUCK-MOUNTED CRANES, ONE LOWBOY TRAILER, AND 3 POSSIBLE TRAILER VANS OBSERVED. THE 3-GUN AAA SITE REMAINS OCCUPIED.	
25X1		
25X1	VANS OBSERVED.	

NPIC/R-1487/63 25X1

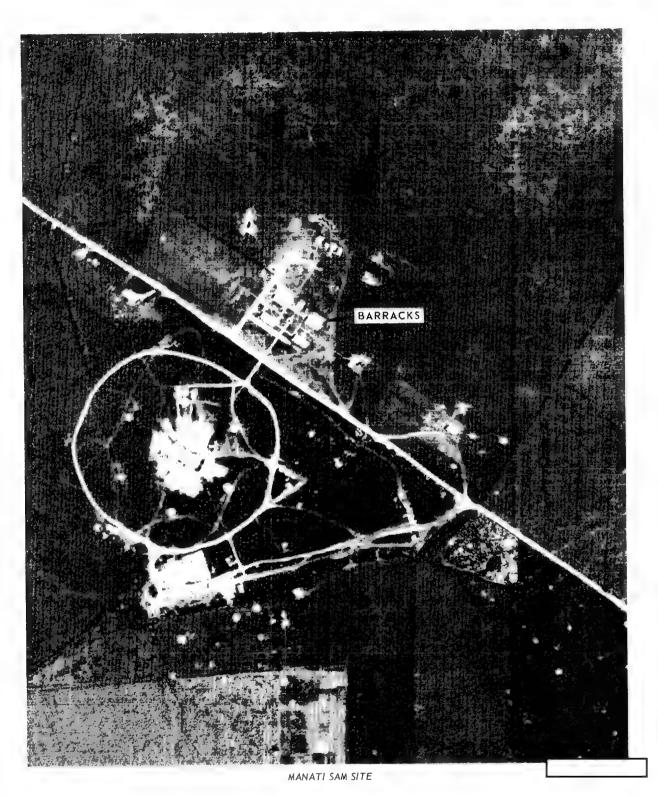
	SANTA CLARA MILITARY INSTALLATION CUBANACAN 2224N Ø7953W	
,	ESCUELA TECNOLOGICA ONE HARE OBSERVED. CLUB CUBANACAN 4 UNIDENTIFIED VEHICLES. STORAGE AREA NORTH IDENTIFICATION ONLY.	
25X1		25X1
25X1		
		25X1
		05V4
		25X1
L	-STATUS OF OTHER TARGETS-	
	THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE	25X1
	SAGUA LA GRANDE MRBM SITE 2 2239N Ø7951W LOS CANOS AIRFIELD 2004N Ø7509W	
	PRESTON AIRFIELD 2044N 07539W JAIME GONZALES AIRFIELD 2209N 08025W PUNTA ALEGRE PORT 2223N 07847W	
	PUNTA ALEGRE PORT 2223N Ø7847W BARACOA PORT 2021N Ø743ØW MOA PORT: 2039N Ø7454W	

NPIC/R-1487/63 25X1

JUCARO PORT	2137N	Ø7851W	
VICTORIA DE LAS TUNAS, MILITARY CAMP	2Ø54N	Ø7655W	
FI CRISTO, MILITARY INSTALLATION	2007V	Ø7546W	
HOLGUIN MILITARY CAMP SOUTHWEST	2051V	Ø7617W	
		Ø7528W	
TI ARRIBA MILITARY CAMP	2006N	Ø7535W	
		Ø7542W	
OTDOME, CHARLESTON OF THE		Ø7457W	
MAR VERDE LANDING BEACH	1957N	Ø7557W	
HAR VERDE CANDING BEAGI.			
THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT			
NOT INTERPRETED			
NOT INTERPRETED			
SAGUA LA GRANDE MRBM SITE 1	2243N	Ø8ØØ1W	
REMEDIOS IRBM SITE		Ø7935W	
SAGUA LA GRANDE SAM SITE		Ø8ØØ5W	
SHOOM EN ONWHOL ONLY OF THE		Ø762ØW	
GIOGRAM SAMO SIL		Ø7934W	
KEMEDIO AKEA: MILITARY CAMP	2029N	Ø7559W	
	2006N	07700W	
LAS MERCEDES, MILITARY CAMP LA JUTIA AREA, MILITARY INSTALLATION			
LA JUITA AKEA, MILITARY INSTALLATION	22771	Ø8Ø36W	
William McColol Within The Color		Ø8Ø29W	
Onothy Hammittee		Ø78Ø1W	
CHIMOULE IIILES THE THOUSE		Ø8Ø25W	
FIGURARY COFORTOR CUITO THE SELECT			
LA ROSITA STORAGE DEPOT BARAJAGUA	2200N	Ø8ØØ4W	٦ .
			1
			J.
			1
		_L	

25X1

NPIC/R-1487/63 ATTACHMENT 1



NP/C R 1487 63 ATTACHMENT 2



NPIC/R-1487/63 ATTACHMENT 3

